



1600

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/472,067A

DATE: 05/13/2003
TIME: 16:08:27

Input Set : A:\PTO.VSK.txt
Output Set: N:\CRF4\05132003\I472067A.raw

SEQUENCE LISTING

4 (1) GENERAL INFORMATION:

C--> 6 (i) APPLICANT: HU, A-LI W.
7 HARTLEY, JAMES L.
8 JORDAN, HEATHER J.

10 (ii) TITLE OF INVENTION: NUCLEIC ACID LADDERS

12 (iii) NUMBER OF SEQUENCES: 7

14 (iv) CORRESPONDENCE ADDRESS:
15 (A) ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX, P.L.L.C.
16 (B) STREET: 1100 NEW YORK AVENUE N.W., SUITE 600
17 (C) CITY: WASHINGTON
18 (D) STATE: DC
19 (E) COUNTRY: USA
20 (F) ZIP: 20005

22 (v) COMPUTER READABLE FORM:
23 (A) MEDIUM TYPE: Floppy disk
24 (B) COMPUTER: IBM PC compatible
25 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
26 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30

28 (vi) CURRENT APPLICATION DATA:
29 (A) APPLICATION NUMBER: US/09/472,067A
30 (B) FILING DATE: 23-Dec-1999
W--> 41 (C) CLASSIFICATION:

38 (vii) PRIOR APPLICATION DATA:
34 (A) APPLICATION NUMBER: US 09/048,242
35 (B) FILING DATE: 26-MAR-1998
39 (A) APPLICATION NUMBER: US 60/040,914
40 (B) FILING DATE: 27-MAR-1997

43 (ix) TELECOMMUNICATION INFORMATION:
44 (A) TELEPHONE: (202)371-2600
45 (B) TELEFAX: (202)371-2540

48 (2) INFORMATION FOR SEQ ID NO: 1:
50 (i) SEQUENCE CHARACTERISTICS:
51 (A) LENGTH: 10 base pairs
52 (B) TYPE: nucleic acid
53 (C) STRANDEDNESS: both
54 (D) TOPOLOGY: linear

56 (ii) MOLECULE TYPE: cDNA
61 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

64 ATCTCAGGAT

66 (2) INFORMATION FOR SEQ ID NO: 2:
68 (i) SEQUENCE CHARACTERISTICS:
69 (A) LENGTH: 10 base pairs

P.3

[Handwritten signature]
Does Not Comply
Corrected Diskette Needed

10

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70      (B) TYPE: nucleic acid
71      (C) STRANDEDNESS: both
72      (D) TOPOLOGY: linear
74      (ii) MOLECULE TYPE: cDNA
79      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:          10
81 ATCAGTCGAT
83 (2) INFORMATION FOR SEQ ID NO: 3:
85      (i) SEQUENCE CHARACTERISTICS:
86          (A) LENGTH: 10 base pairs
87          (B) TYPE: nucleic acid
88          (C) STRANDEDNESS: both
89          (D) TOPOLOGY: linear
91      (ii) MOLECULE TYPE: cDNA
96      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:          10
98 ATCGCATGAT
100 (2) INFORMATION FOR SEQ ID NO: 4:
102      (i) SEQUENCE CHARACTERISTICS:
103          (A) LENGTH: 10 base pairs
104          (B) TYPE: nucleic acid
105          (C) STRANDEDNESS: both
106          (D) TOPOLOGY: linear
108      (ii) MOLECULE TYPE: cDNA
113      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:          10
115 ATCATGCGAT
117 (2) INFORMATION FOR SEQ ID NO: 5:
119      (i) SEQUENCE CHARACTERISTICS:
120          (A) LENGTH: 65 base pairs
121          (B) TYPE: nucleic acid
122          (C) STRANDEDNESS: both
123          (D) TOPOLOGY: linear
125      (ii) MOLECULE TYPE: cDNA
131      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:          60
133 AATTCTCGGG ATATCTCAGG ATATCTCAGG ATATCTCAGG ATATCTCAGG ATATCTCGGG          65
135 CTGCA
137 (2) INFORMATION FOR SEQ ID NO: 6:
139      (i) SEQUENCE CHARACTERISTICS:
140          (A) LENGTH: 43 base pairs
141          (B) TYPE: nucleic acid
142          (C) STRANDEDNESS: single
143          (D) TOPOLOGY: linear
145      (ii) MOLECULE TYPE: cDNA
150      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:          43
152 CAACAACAAG AATTCAAGGCC TAGCCAGTGC CTCGTCCATT TTT
154 (2) INFORMATION FOR SEQ ID NO: 7:
156      (i) SEQUENCE CHARACTERISTICS:
157          (A) LENGTH: 37 base pairs
158          (B) TYPE: nucleic acid
159          (C) STRANDEDNESS: single
160          (D) TOPOLOGY: linear

```

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162 (ii) MOLECULE TYPE: cDNA
167 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
169 CAACAAACAAA AGCTTCTTAC ATGGCCCAGG TGCAGTA

37

w--> 172 (-3)
delete

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/472,067A

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Input Set : A:\PTO.VSK.txt

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L:6 M:220 C: Keyword misspelled or invalid format, [(i) APPLICANT:]
L:29 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:30 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:36 M:238 W: Alpha Fields not Ordered, Reordered [(C) CLASSIFICATION:] of (1)(vi)
L:41 M:238 W: Alpha Fields not Ordered, Reordered [(C) CLASSIFICATION:] of (1)(vi)
L:172 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:7